



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Masahiro IWADARE

Title: FAST CALCULATION
APPARATUS FOR CARRYING
OUT A FORWARD AND AN
INVERSE TRANSFORM

Original Patent Number: 5,218,561

Original Patent Issue Date: June 8, 1993

Examiner: To be determined

Art Unit: To be determined



REISSUE PATENT APPLICATION TRANSMITTAL

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.173 is an application for reissue of Utility Patent as identified above:

Masahiro IWADARE
c/o NEC Corporation
7-1, Shiba 5-chome
Minato-ku, Tokyo, Japan

In connection with this application, the following documents are enclosed:

- ☒ [X] Specification and Claims, in double column copy of format;
- ☒ [X] Drawing Transmittal with 7 sheets (Figs. 1-7 attached);
- ☒ [X] Reissue Oath/Declaration Under 37 C.F.R. § 1.175
- ☐ [] English Translation Document of Reissue Oath/Declaration (if applicable)
- ☐ [] Offer to Surrender Original Patent (37 CFR § 1.178)
- ☒ [X] Written Consent of Assignee to reissue application
- ☒ [X] 37 CFR §3.73(b) Statement

- ☐ Statement of status and support for all changes to the claims (37 CFR §1.173(c))
- ☒ Foreign Priority Claim (35 USC 119)
- ☒ Preliminary Amendment and 37 C.F.R. 1.173(c) Statements
- ☒ Information Disclosure Statement with Form PTO-SB08 with copies of 8 listed references;
- ☒ Application Data Sheet (37 CFR 1.76) (3 pages)
- ☒ Return Receipt Postcard (MPEP §503)
- ☐ Applicant Claims Small Entity Status
- ☐ Notice of Litigation and Request for Special Dispatch under 37 C.F.R. § 1.607(b)

13281 U.S.
08/19/03

Atty. Dkt. No. 069974-0140

FE CALCULATIONS: including Amendments to claims. (Small entity fees indicated in parentheses.)

Reissue Application Fee Form						Docket Number (Optional)		
Claims as Filed - Part I								
Claims In Patent		Number Filed in Reissue Application	(3) Number Extra	Small Entity			Other than a Small Entity	
				Rate	Fee		Rate	Fee
(A) 12 (C) 2	Total Claims (37 CFR 1.16(j)) Independent Claims (37 CFR 1.16(j))	(B) 29 (D) 4	17 2	x \$ _____ = \$ _____		or	0 x \$ _____ = \$0	\$0
				x \$ _____ = \$ _____			0 x \$ _____ = \$0	\$0
Basic Fee (37 CFR 1.16(h)) \$ _____						OR	\$750.00	
Total Filing Fee \$ _____							\$750.00	
Claims as Filed - Part 2								
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid for	(3) Extra Claims Present	Small Entity		Other than a Small Entity	
					Rate	Fee	Rate	Fee
Total Claims (37 CFR 1.16(j))	***29	MINUS	**20	*9 =	X \$ 18 =		x \$162.00 =	
Independent Claims (37 CFR 1.16(j))	***4	MINUS	*****3	1 =	X \$ 84 =		x \$84.00 =	
Total Additional Fee \$246.00						\$	OR	

- * If the entry in (D) is less than the entry in (C), Write "0" in column 3.
 ** If the "Highest Number of Total Claims Previously Paid for" is less than 20, Write "20" in this space.
 *** After any cancellation of claims.
 **** If "A" is greater than 20, use (B-A); if "A" is 20 or less, use (B-20).
 ***** "Highest Number of independent Claims Previously Paid For" or Number of independent Claims in Patent (C).

METHOD OF PAYMENT:

- [X] A check in the amount of \$996.00 to cover the filing fee is enclosed.
- [] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [X] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing,

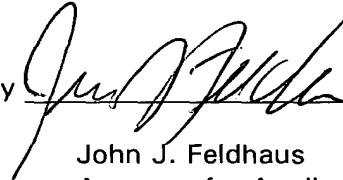
the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: August 19, 2003

By



John J. Feldhaus
Attorney for Applicant
Registration No. 28,822

FOLEY & LARDNER
Customer Number: 22428



22428

PATENT TRADEMARK OFFICE

Telephone: (202) 672-5300

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Masahiro IWADARE

Title: FAST CALCULATION
APPARATUS FOR CARRYING
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Original Patent Issue Date: June 8, 1993

Examiner: To be assigned

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**CONSENT OF ASSIGNEE TO APPLICATION FOR REISSUE OF
U.S. PATENT NO. 5,218,561**

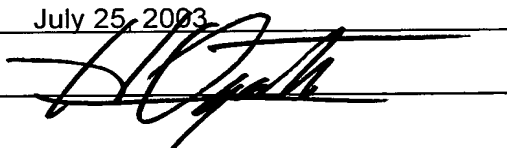
Commissioner for Patents
Box: REISSUE PATENT APPLICATION
Alexandria, Virginia 22313-1450

Dear Sir:

NEC Corporation, assignee of U.S. Patent No. 5,218,561, hereby consents to the accompanying application for reissue of U.S. Patent No. 5,218,561.

NEC CORPORATION

Date: July 25, 2003

By: 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Masahiro IWADARE
Title: FAST CALCULATION
APPARATUS FOR CARRYING OUT
A FORWARD AND AN INVERSE
TRANSFORM
Appl. No.: Application for reissue of U.S.
Patent No. 5,218,561, granted
June 8, 1993
Examiner: Unassigned
Art Unit: Unassigned

TRANSMITTAL OF FORMAL DRAWINGS

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

ATTENTION: DRAWING REVIEW BRANCH

Sir:

Transmitted herewith are the formal drawings (7 sheets, Figures 1-7) for the above-identified application. The Official Draftsperson is respectfully requested to approve these drawings for entry into the application.

Respectfully submitted,

Date: August 19, 2003

By: 

FOLEY & LARDNER
Customer Number: 22428



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